

ABSTRACT OF THE DISCLOSURE

Disclosed is a head system including a plurality of recording heads for azimuth recording. The system includes a first recording head having a plurality of magnetic gaps having a first azimuth angle, and a second recording head having a plurality of magnetic gaps having a second azimuth angle different from the first azimuth angle. After first magnetization patterns are formed on a recording medium by the first recording head, second magnetization patterns are formed by overwriting side edge portions in the formation direction of the first magnetization patterns by the second recording head. This makes it possible to prevent worsening of the accuracy of magnetization pattern width due to a relative height stagger (offset) between the heads, to thereby enhance the accuracy of the magnetization pattern width, and to achieve high-density recording.